

Amendments to the Claims:

This listing of the claims replaces all prior versions of the claims in the application:

Listing of Claims:

1. (currently amended) A method for prefetching web pages, comprising:
determining whether an accessed web page by a user has a set of user-preferred sub-pages from a plurality of sub-pages; and
in response to determining that an accessed web page has a set of user-preferred sub pages creating a history of sub-pages visited by the user as a first subset of the set of user-preferred sub-pages;
creating a depth of history of each sub-page defined as a length of time between visits to each sub-page as a second subset of the set of user-preferred sub-pages;
creating a sub-page depth defined as a number of sub-pages with a root domain that is distinct as a third subset of the set of user-preferred sub-pages; and
prefetching the first, second and third subsets of the set of user-preferred sub-pages.
2. (currently amended) The method of claim 1, wherein the first subset of the set of user-preferred sub-pages is based on a predefined time frame of the user's previous visits to the web page.
3. (original) The method of claim 1, wherein prefetching the set of user-preferred sub-pages occurs in an order dependent on a number of times the user has requested each one of the set of user-preferred sub-pages.
4. (currently amended) The method of claim 2, wherein determining whether an accessed web page has the set of user-preferred sub-pages includes using learned user preferences including a the history of the plurality of sub-pages visited by a user within a predefined time frame.

5. (currently amended) The method of claim 4, wherein the ~~learned user preferences further include a~~ depth of history that ~~determines~~ uses a number of days between previously visited accesses that the history is used to determine whether the second subset is to be included in the set of user-preferred sub-pages.

6. (currently amended) The method of claim 5, wherein the learned user preferences further include ~~a page depth that determines how many sub-pages within the web page are considered distinct~~ using a number of days between previously visited accesses to determine whether the third subset is to be included in the set of user-preferred sub-pages.

7. (original) The method of claim 1, wherein the set of user-preferred sub-pages also contains additional sub-pages and sub-links corresponding to the additional sub-pages.

8. (original) The method of claim 1, further including generating and storing the set of user-preferred sub-pages obtained during a user's previous visits to the web page.

9. (original) The method of claim 2, wherein the set of user-preferred sub-pages is a unique list of user-preferred sub-pages that orders the user-preferred sub-pages depending on the frequency of a user's previous visits to each of the user-preferred sub-pages.

10. (original) The method of claim 9, wherein prefetching is performed in an order set forth in the unique list of user-preferred sub-pages.

11. (currently amended) A method for using a client on a computer network to request a web page from a web server, the web page having a plurality of sub-pages, the method comprising:

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enabling a prefetching technique on the client such that some of the plurality of sub-pages can be retrieved and placed in a memory cache on the client;

determining that a user has preferred sub-pages from the plurality of sub-pages based on ~~the user's prior visits to the web page~~ a history of sub-pages visited by the user, a depth of history of each sub-page defined as a length of time between visits to each sub-page and a sub-page depth defined as a number of sub-pages with a root domain that is distinct; and

using the prefetching technique to prefetch the preferred sub-pages prior to any other of the plurality of sub-pages..

12. (currently amended) The method of claim 11, wherein one subset of the preferred sub-pages are generated using a history of which of the plurality of sub-pages a user requested during a predefined time frame of the user's prior visits .

13. (currently amended) The method of claim 12, wherein the ~~preferred sub-pages are further generated using a~~ depth of history that reflects a frequency of requests by the user for each one of the plurality of sub-pages.

14. (currently amended) The method of claim 11, wherein the ~~preferred sub-pages are generated using a~~ page depth that ~~indicates how many of the plurality of sub-pages that are considered distinct~~ uses a number of days between previously visited accesses to determine whether sub-pages of the sub-page depth are to be included in the user-preferred sub-pages.

15. (original) The method of claim 11, wherein the preferred sub-pages are a list of the preferred sub-pages placed in an order according to how often the user requested each one of the preferred sub-pages.

16. (currently amended) A learned preference prefetching system for using a client computer on a computer network to prefetch a web page having a plurality of sub-pages in response to a request by a user, comprising:

a prefetch module disposed on the client computer that allows the client computer to retrieve sub-pages of the web page; and

a learned preferences prefetch module in communication with the prefetch module that determines that the user has a set of preferred sub-pages from the plurality of sub-pages, the set of preferred sub-pages defined by a history of sub-pages visited by the user, a depth of history of each sub-page defined as a length of time between visits to each sub-page and a sub-page depth defined as a number of sub-pages with a root domain that is distinct, wherein the learned preferences prefetch module and uses the prefetch module to prefetch the set of preferred sub-pages.

17. (currently amended) The learned preference prefetching system of claim 16, wherein the set of preferred sub-pages is generated using learned user preferences that include a the history of which of the plurality of sub-pages were previously requested by the user during the user's previous visits to the web page within a predefined time frame.

18. (currently amended) The learned preference prefetching system of claim 17, where the learned user preferences include a the depth of history that ~~determines a period of time over which the user has previously requested each one of the plurality of sub-pages~~ uses a number of days between previously visited accesses to determine whether the sub-pages of the depth of history are to be included in the set of user-preferred sub-pages.

19. (original) The learned preference prefetching system of claim 16, wherein the set of preferred sub-pages is a unique list having a preferred prefetch order based on the frequency of the user's previous request of each of the set of preferred sub-pages.

20. (original) The learned preference prefetching system of claim 19, wherein the learned preferences prefetch module uses the prefetch module to prefetch the set of preferred sub-pages in the preferred prefetch order.